

Title (en)
BREATHABLE AND ELECTRICALLY CONDUCTIVE CLOTH

Title (de)
ATMUNGSAKTIVES UND ELEKTRISCH LEITENDES GEWEBE

Title (fr)
TISSU ÉLECTRO-CONDUCTEUR ET PERMÉABLE À L'AIR

Publication
EP 3179835 B1 20210811 (EN)

Application
EP 16202949 A 20161208

Priority
TW 104141444 A 20151210

Abstract (en)
[origin: EP3179835A1] A breathable and electrically conductive cloth (200) includes a first plastic film (1) having opposite inner and outer surfaces (11, 12), an electrical circuit pattern layer (2) formed on the inner surface (11), and a yarn-based fabric (3) having opposite first and second surfaces (31, 32) and defining multiple micropores (33) extending through the first and second surfaces (31, 32). The first plastic film (1) has multiple first hollow protrusions (10) respectively extending into the micropores (33) and forming ventilating passages (101) extending through the outer surface (12) and the second surface (32). The electrical circuit pattern layer (2) has multiple second hollow protrusions (20) correspondingly extending into the micropores (33).

IPC 8 full level
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